Senior Scientist / Research Engineer
POWER ELECTRONICS
Campus TU Graz, Inffeldgasse 25F, 8010 Graz, Austria / High Tech Campus Villach, Europastraße 12, 9524 Villach, Austria

YOUR FUTURE RESPONSIBILITIES
· Identifying new developments on components, integration and system level and turning them into well-defined research projects
· Research on new, innovative solutions in the field of complex power electronics systems
· Execution of related projects with industrial and scientific partners
· Working on methodologies to optimize power electronic systems for different parameters
· Leading a project team on technical and project management level

YOUR PROFILE
· Finalized study of Electrical/Electronic Engineering, PhD
· Several years experience in developing concepts and architectures of power electronic circuit designs, modelling, simulation, build and validation of those systems
· Deep knowledge of power converter architectures and concepts
· Good understanding of complex power electronics systems, including model based design and simulation
· Strives for innovative solution in the different aspects of power electronic systems
· Good networking in the related scientific and industrial environment

IMPORTANT FACTS
· Beginning of the employment: as soon as possible
· This position is endowed with a gross annual salary of € 51,296 based on the collective agreement for research („Forschungs-Kollektivvertrag“) and depending on your experience and skills.

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